

Patent Abstracts of Japan

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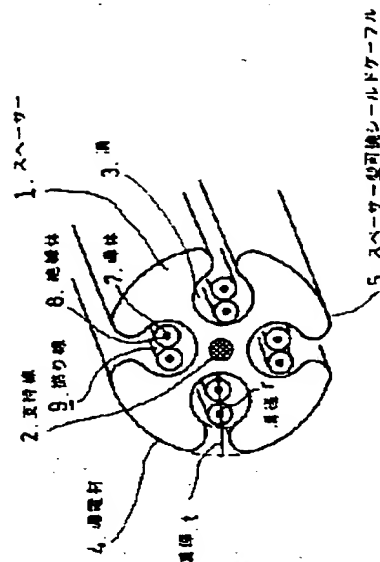
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TITLE : SPACER TYPE FLEXIBLE SHIELD
CABLE AND MANUFACTURE
THEREOF



ABSTRACT : PURPOSE: To improve a shield effect and flexibility by composing a shield cable of a rubber like elastic body having a supporting wire in its center and making its groove thickness not less than 1/4 of a groove diameter.

CONSTITUTION: A spacer type flexible shield cable has a supporting wire 2 in its center while consisting of a rubber-shaped elastic body, on the surface of which a conductive material 4 is applied and the groove thickness (t) of its groove 3 is made not less than 1/4 of a groove diameter (r). A single wire or two-stranded wire 9 is inserted into a spacer 1 so as to obtain a spacer type flexible shield cable 5. The purpose of this supporting wire 2 in the center is to prevent extension of the cable in the longitudinal direction while maintaining its softness. A split groove 3 is formed on the surface, to which the conductive material 4 is applied, a holding tape is laid on the outside of the cable 5 so as to complete shielding of a single or stranded wire by crushing the rubber-shaped. Thereby, a shield effect, flexibility can be improved and the terminal man-hour at the time of branching can be reduced.

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